

## INTERNATIONAL SEARCH REPORT

PCT/IB 03/00454

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G02F1/167 G02F1/17

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 841 492 A (IWAUCHI KENICHI ET AL) 24 November 1998 (1998-11-24)  column 6, line 4 -column 7, line 41; figures 1,2A,2B,6-9,11,14 column 14, line 15 -column 16, line 48; claims ---	1,2, 6-10,12, 13
X	WO 99 53373 A (E INK CORP) 21 October 1999 (1999-10-21) page 24, line 22 -page 26, line 26; figures 3E-3J ---	1,2,6,9, 10,12,13
A	US 6 262 833 B1 (LOXLEY ANDREW ET AL) 17 July 2001 (2001-07-17) column 5, line 24 -column 20, line 6; figures --- -/-	1-13

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

21 May 2003

Date of mailing of the international search report

28/05/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Kiernan, L

## INTERNATIONAL SEARCH REPORT

PCT/IB 03/00454

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 956 005 A (SHERIDON NICHOLAS K) 21 September 1999 (1999-09-21) column 3, line 6 -column 9, line 35; claims; figures 1-6,12-14 -----	1-13

# INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/IB 03/00454

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5841492	A	24-11-1998	JP 3071658 B2	31-07-2000
			JP 8184822 A	16-07-1996
			KR 173824 B1	20-03-1999
WO 9953373	A	21-10-1999	AU 3487599 A	01-11-1999
			CA 2300827 A1	04-03-1999
			CA 2300830 A1	04-03-1999
			CA 2300849 A1	04-03-1999
			CA 2321131 A1	21-10-1999
			EP 1070276 A1	24-01-2001
			JP 2002511607 T	16-04-2002
			WO 9953373 A1	21-10-1999
			US 6515649 B1	04-02-2003
			US 6262706 B1	17-07-2001
			US 6177921 B1	23-01-2001
			US 2002180688 A1	05-12-2002
			US 6249271 B1	19-06-2001
			US 6535197 B1	18-03-2003
US 6262833	B1	17-07-2001	AU 4202100 A	23-10-2000
			CA 2365847 A1	12-10-2000
			EP 1169121 A1	09-01-2002
			JP 2002541501 T	03-12-2002
			WO 0059625 A1	12-10-2000
			US 6377387 B1	23-04-2002
			AU 6293499 A	26-04-2000
US 5956005	A	21-09-1999	EP 0884714 A2	16-12-1998
			EP 0783122 A2	09-07-1997